

RD Number: RD203

RD Title: TC78H660FNG Evaluation Circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	CN1	1	CN-2P	—	—	PCB terminal block 2 positions		
2	CN2	1	CN-2P	—	—	PCB terminal block 2 positions		
3	CN3	1	CN-2P	—	—	PCB terminal block 2 positions		
4	CVM1	1	47 μ F 25V	—	—	Electrolytic Capacitor		
5	CVM2	1	0.1 μ F	—	—	Chip capacitor		
6	CMD	0	Not mount	—	—	Chip capacitor		✓
7	CVCC	1	0.1 μ F	—	—	Chip capacitor		
8	CVREF	1	0.1 μ F	—	—	Chip capacitor		
9	R1	0	Not mount	—	—	Chip resistor		✓
10	R2	0	Not mount	—	—	Chip resistor		✓
11	RMD	1	10k Ω	—	—	Chip resistor		
12	ROSC	1	47k Ω	—	—	Chip resistor		
13	VR1	0	Not mount	—	—	Variable Resistor		✓
14	U1	1	TC78H660FNG	TC78H660FNG	TOSHIBA	Motor driver IC	SSOP16	
15	SW0	1	Toggle switch	—	—	Toggle switch (ON-OFF-ON)		
16	SW1	1	Toggle switch	—	—	Toggle switch (ON-OFF-ON)		
17	SW2	1	Toggle switch	—	—	Toggle switch (ON-OFF-ON)		
18	SW3	1	Toggle switch	—	—	Toggle switch (ON-OFF-ON)		
19	SW4	1	Toggle switch	—	—	Toggle switch (ON-OFF-ON)		
20	AGND	0	Not mount	—	—	Check terminal		✓
21	ERR	0	Not mount	—	—	Check terminal		✓
22	IN1A	0	Not mount	—	—	Check terminal		✓
23	IN1B	0	Not mount	—	—	Check terminal		✓
24	IN2A	0	Not mount	—	—	Check terminal		✓
25	IN2B	0	Not mount	—	—	Check terminal		✓
26	MODE	0	Not mount	—	—	Check terminal		✓
27	OSCM	0	Not mount	—	—	Check terminal		✓
28	OUT_A+	0	Not mount	—	—	Check terminal		✓
29	OUT_A-	0	Not mount	—	—	Check terminal		✓
30	OUT_B+	0	Not mount	—	—	Check terminal		✓
31	OUT_B-	0	Not mount	—	—	Check terminal		✓
32	PGNDA	0	Not mount	—	—	Check terminal		✓
33	PGNDB	0	Not mount	—	—	Check terminal		✓
34	STBY	0	Not mount	—	—	Check terminal		✓

35	VCC	0	Not mount	—	—	Check terminal		✓
36	VM	0	Not mount	—	—	Check terminal		✓
37	VREF	0	Not mount	—	—	Check terminal		✓
38								
39								
40								

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